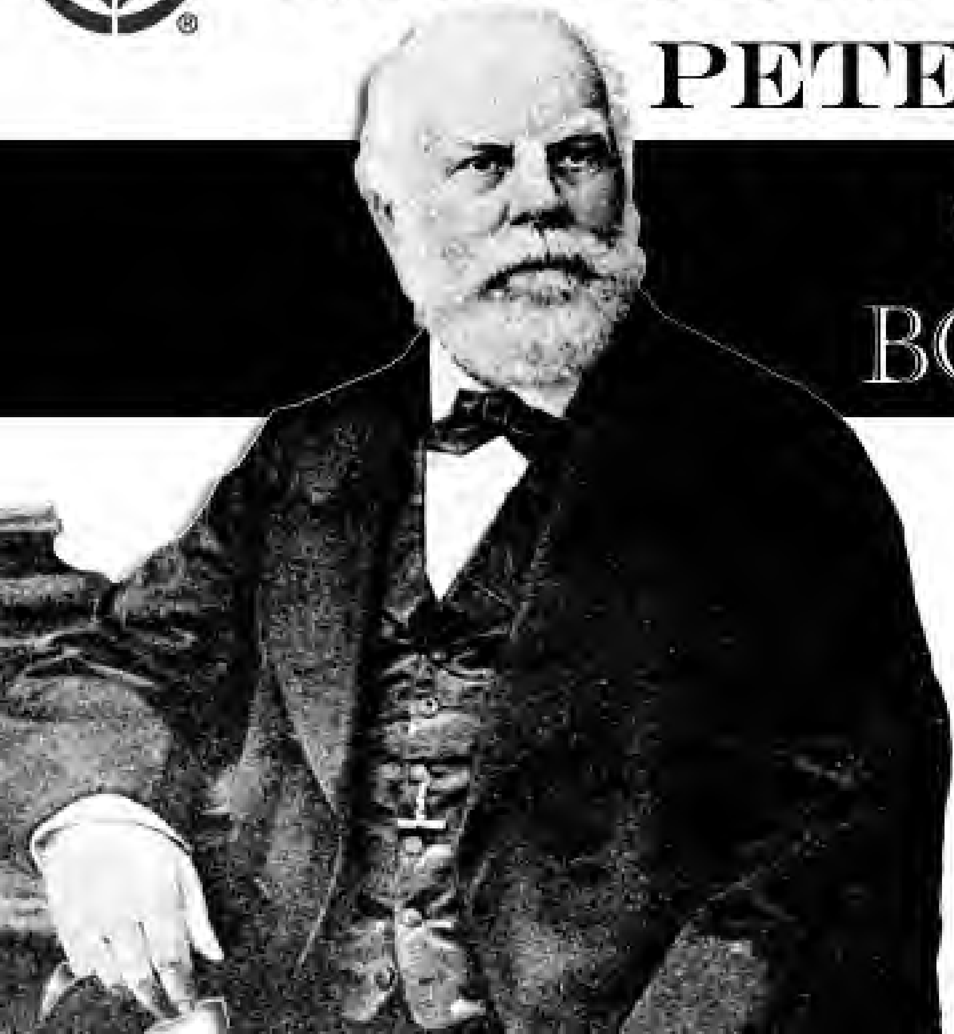
MISSOURI BO
PETER H
GEO
BOTA



Sinc
page
onlin
nu

1 .. fortsetzung aus Humb. et Bonpl.

alba, fauce constricta, limbo 5fido, laciniis ovatis acutis erectis. Squamae ciliatae. Stam 5 exserta. Styli 2 exserti. Stigmata capitata. Capsula corolla marcida inclusa, globosa, glabra, bilocularis, circumscissa (!?); loculi mono- aut dispermis. — Cuscutae corymbosae R. et P. affinis.

p. 123 Cuscuta grandiflora t. CCXIII 213

pedunculis subtrifloris, subcongestis; laciniis calycinis obtusis; corollis rotato-campanulatis, laciniis obtusis; squamis nullis; genitalibus inclusis.

Prope Santa Fe de Bogota alt 1370 hex. ⊙. Floret Augusto.

Caulis parasiticus in Spermacoce, vol., filiformis teres, glaber. Pedunculi bi- aut tri-flori, solitarii aut fasciculati. Flores pedicellati, pedicellis glabris duas lineas longis. Bracteae ovatae acutae pedicello breviores. Calyx campanulatus glaber 5fidus, laciniis ovatis obtusis aequalibus patulis corolla dimidio brevioribus. Corolla rotato-campanulata, alba, glabra, limbo 5fido, laciniis ovatis obtusiusculis subdenticulatis subaequalibus patentibus. Squamae nullae. Stamina 5 fauci corollae inserta, laciniis dimidio breviora. Filamenta subulata glabra. Antherae ovatae obtusae erectae biloculares longitudinaliter dehiscentes. Ovarium obcordatum, apice scabriusculum. Styli duo breves divaricati glabri. Stigmata capitata. Capsula globosa, scabra, calyce et corolla persistente tecta eamque subaequans, stylis coronata, bilocularis, circumscissa (!?); loculis dispermis. Semina sublenticularia, scabriuscula, fusca, basi loculi affixa.

2/

Novitiarum Florae Suecicae Mantissa prima
auct. Elias Fries Lundae 1832

Cuscuta halophyta caule simplici, florum glomeribus multifloris subbracteatis, corollae tubo globoso limbum aequante.
C. Epithymum Botan. Norveg.
ad litus marinum Norvegiae australis supra plantas salinas succulentas v.s. Chenopodiaceas. Dedit Blytt.

C. europaeam et Epilinum distinctas esse species neque nos nec ullus, qui utramque vivam comparavit, amplius dubitat. Addo speciem intermediam, quae cum neutra tute conjungi potest et peculiari patria [illegible] gaudet, nec [illegible] parasitica haud levi momenti. At e spec. siccis subtiliores floris partes non ita accurate, ut decuit, eruere licuit. Facies ob colorem rufescentem C. europaeae, sed C. Epilino fere tenuior, caule semper simplicissimo, reliquarum minus adhaerente et scandente, facile ob uberius matricis nutrimentum. Glomeruli florum sessiles, multiflori, bracteatos vidi plurimos. Calyx profundius quinquepartitus quam in C. Epilino, laciniis late ovatis obtusiusculis. Corollae tubus globosus, sed limbus C. Epithymi duplo major, laciniis ovalis obtusiusculis tubum aequantibus. Styli 2. Semina ovalia, fulva, punctata. Mea ex sententia magis ad Cuscut. europaeam, quam C. Epilinum accedit. Etiam iis grata sit, qui has conjungere malunt, cum statum intermedium offerat.

Prodromus Florae Novae Hollandiae et Insulae Van-Diemen
editio secunda, quam ... typis iterandi curavit Nees ab Esenbeck. Norimbergae 1827

? [illegible] (491) 347
Cuscuta L.
Charact. gen — Obs. I. — Obs. II. germinationem embryonis indivisi in Cuscuta europaea primum descripsit Linnaeus in Sp. pl. ed. 2. p. 180, mox Adanson in Famil. 2. p. 241. et Gouan Fl. Monsp. 16. [illegible] Mirbel in Ann. du mus. 13. p. 65.

C. **australis**, digyna, stigmatibus capitatis, squamis epipetalis fimbriato-laceris, infra filamenta late subulata desinentibus, calycis profunde quinquefidi laciniis laevibus. (l.T.) v. v.

C. **carinata**, digyna, stigmat. capitatis, squamis epipetalis fimbriato-laceris bases filamentorum subulatos filiformium superantibus, calycis 5fidi laciniis carinatis subrugosis. (T.) B. v. s.

[illegible] aphylla Lour. cochin. 171. fide specim. ab auctore Herb. Banks. in serti.

Spix u. Martius Reise in Brasilien erster Theil München 1823
p. 286 "**Cuscuta racemosa** Mart., floribus pedunculatis cymoso-racemosis corollis calyce duplo longioribus pentandris fauce squamis ciliatis clausa.
C. **miniata** Mart. racemis pedunculatis 6 – 8 floris, corollis fauce squamis ciliatis clausa, genitalibus inclusis."

5097

3. correct copies

Lamark Encyclop. method. II. p. 229.

Cuscuta chinensis floribus paniculatis quinquefidis; calyce anguloso longitudine corollae. N.

Les filamens de cette espèce sont d'un vert blanchâtre ou jaunâtre et un peu plus gros que dans la précédente (C. europ.); ses fleurs ne sont point ramassées en ~~têtes~~ simples, mais en plusieurs paquets lâches, peu garnis, portées sur des pédoncules courts et rameux, formant de distance en distance une sorte de panicule un peu irrégulière. Les fleurs sont blanchâtres et ont un calice presque aussi grand que la corolle, de même couleur qu'elle, à cinq divisions droites et anguleux à l'extérieur d'une manière remarquable. La corolle est ovale presque globuleuse rétrécie à son orifice, et à cinq divisions acuminées en manière de corne; les étamines sont petites au nombre de cinq. Le pistil consiste en un gros ovaire globuleux, chargé de deux styles très-courts, contournés et coudés par son sommet à stigmates un peu en tête. Cette plante était entortillée autour d'un Basilic venu de la Chine (ou dont les graines mêlées sans doute avec celles de cette Cuscute ont été envoyées de la Chine) et cultivé en 1784 au Jardin du Roi. ☉

Humboldt et Bonpland nova genera et species plantarum, tome III. (1818)

p. 121. Cuscuta umbellata, umbellis pedunculatis suboctofloris; laciniis calycinis acutis; corollis campanulatis, laciniis acutis reflexis; squamis laciniato-fimbriatis; genitalibus exsertis.

In Nova Hispania inter Queretaro et Salamanca, alt. 900 hex. Septembri.

Planta inodora. Caulis parasiticus in plantis humifusis volubilis, capillaceus, teres, glaber. Umbellae pedunculatae 6, 7 aut 8florae. Flores longe pedicellati, magnitudine seminis Sinapis; pedicelli glabri, flore duplo triplove longiores. Calyx 5partitus, glaber; laciniis ovatis acutis erectis, corolla paulo brevioribus. Corolla campanulata, alba; limbo 5fido; laciniis ovatis, acutis, subreflexis. Squamae 5 infra basin staminum, obovatae, tenuissimae, margine laciniato-fimbriatae. Stamina 5 fauci corollae inserta, exserta. Filamenta linearia, glabra. Antherae oblongae, erectae, biloculares, longitudinaliter dehiscentes. Styli duo, capillacei, glabri, patentes, exserti. Stigmata capitata. Fructus ignotus.

p. 122 C. obtusiflora, glomerulis sessilibus, laciniis calycinis obtusis; corollis campanulatis, laciniis obtusis; squamis laciniato-fimbriatis; genitalibus vix inclusis.

In Peruviae Andibus. ☉.

Planta inodora. Caul. parasit. volub. filiformis, teres, glaber, aurantiacus. Glomeruli multiflori, sessiles. Flores brevissime pedicellati, magnitudine Cuscutae europaeae. Calyx campanulatus, quinquepartitus, glaber; laciniis ovatis, obtusis, erectis, corolla paulo brevioribus. ~~Corolla campan.~~ 5fida; laciniis erectis, ovatis, obtusis, calyc. Squamae lac. fimbr.; stamina 5, corollam aequantia. Antherae ovatae. Styli duo erecti, glabri, longitudine staminum. Stigmata capitata. Capsula globosa, stylis persistentibus coronata, glabra, bilocularis, calyce et corolla persistente usque ad medium cincta; loculis mono- aut dispermis. Semina subrotundo-angulata, scabriuscula, fusca.

122 C. graveolens, glomerulis sessilibus, laciniis calycinis obtusis; corollis globosis, laciniis obtusis patentibus; squamis fimbriatis; genitalibus exsertis.

Prope Cumana in pratis. ☉ Septembri.

Cuscutae americanae (herb. Jussieu) proxima.

Verte

[!?]

4/ Planta venenosa, graveolens. Caulis parasiticus, filiformis, volubilis, teres, glaber. Glomeruli sessiles. Flores breviter pedicellati magnitudine Cuscutae europaeae. Calyx quinquefidus, glaber; laciniis oblongis obtusis, corolla paulo brevioribus. Corolla globosa, glabra, fauce constricta, limbo 5fido, laciniis oblongis obtusiusculis patentibus. Squamae fimbriatae. Stamina 5 exserta. Styli 2 exserti. Stigmata capitata. Capsula corolla inclusa monosperma. Semen subglobosum, scabriusculum, fuscum.

122 Cuscuta foetida, glomerulis sessilibus; laciniis calycinis acuminatis; corollis subglobosis, laciniis acutis reflexis; squamis ciliatis; genitalibus exsertis.

Prope Chillo quitensium, altid. 1350 hexap. ☉. Flor. Martio.

Caulis parasiticus in Berberide et Barnadesia, volub., filiformis, teres, glaber, aurantiacus. Glomeruli globosi, magnitudine Cerasi, sessiles. Flores sessiles, foetidissimi. Calyx campanulatus, laxus, 5fidus, glaber, laciniis ovatis acuminatis, hyalinis, erectis, corolla duplo brevioribus. Corolla subgloboso-campanulata, alba, glabra; limbo quinquefido, laciniis ovatis, acutis, reflexis. Squamae ad basin filamentorum 5 ovatae, ciliatae. Stam. 5 exserta. Antherae ovatae, polline croceo. Ovarium subglobosum, glabrum. Styli duo ~~erecti~~ exserti. Stigmata capitata. Capsula?

123 C. floribunda, corymbis pedunculatis; laciniis calycinis obtusis; corollis globosis calycem duplo superantibus, laciniis acutis ~~erectis~~ reflexis; squamis ~~fim~~ ciliatis; genitalibus longe exsertis.

In calidis Novae Hispaniae, prope montem Istlae, alt. 500 hex. ☉. Aprili.

Caulis parasiticus in Bignonia viminali, volub., filif., teres, glaber, aurantiacus. Corymbi pedunculati, trichotomi, bracteati. Flores pedicellati. Bracteae squamaeformes, ovatae, acutae, glabrae, pedicellis multoties breviores. Calyx quinquefidus, glaber, laciniis ovatis obtusis erectis, corolla dimidio brevioribus. Corolla globosa, alba, fauce constricta, limbo 5fido, laciniis ovatis acutis reflexis. Squamae 5 ciliatae. Stamina 5 exserta; antherae ovatae. Styli duo longe exserti divergentes. Stigmata globosa. Capsula corolla inclusa, globosa, glabra, bilocularis; loculis mono- aut dispermis. Semina oblonga scabriuscula fuscescentia.

Sequenti valde affinis.

123 C. popayensis, corymbis pedunculatis; laciniis calycinis obtusis; corollis globosis calycem paulo superantibus, laciniis acutis erectis; squamis ciliatis; genitalibus exsertis.

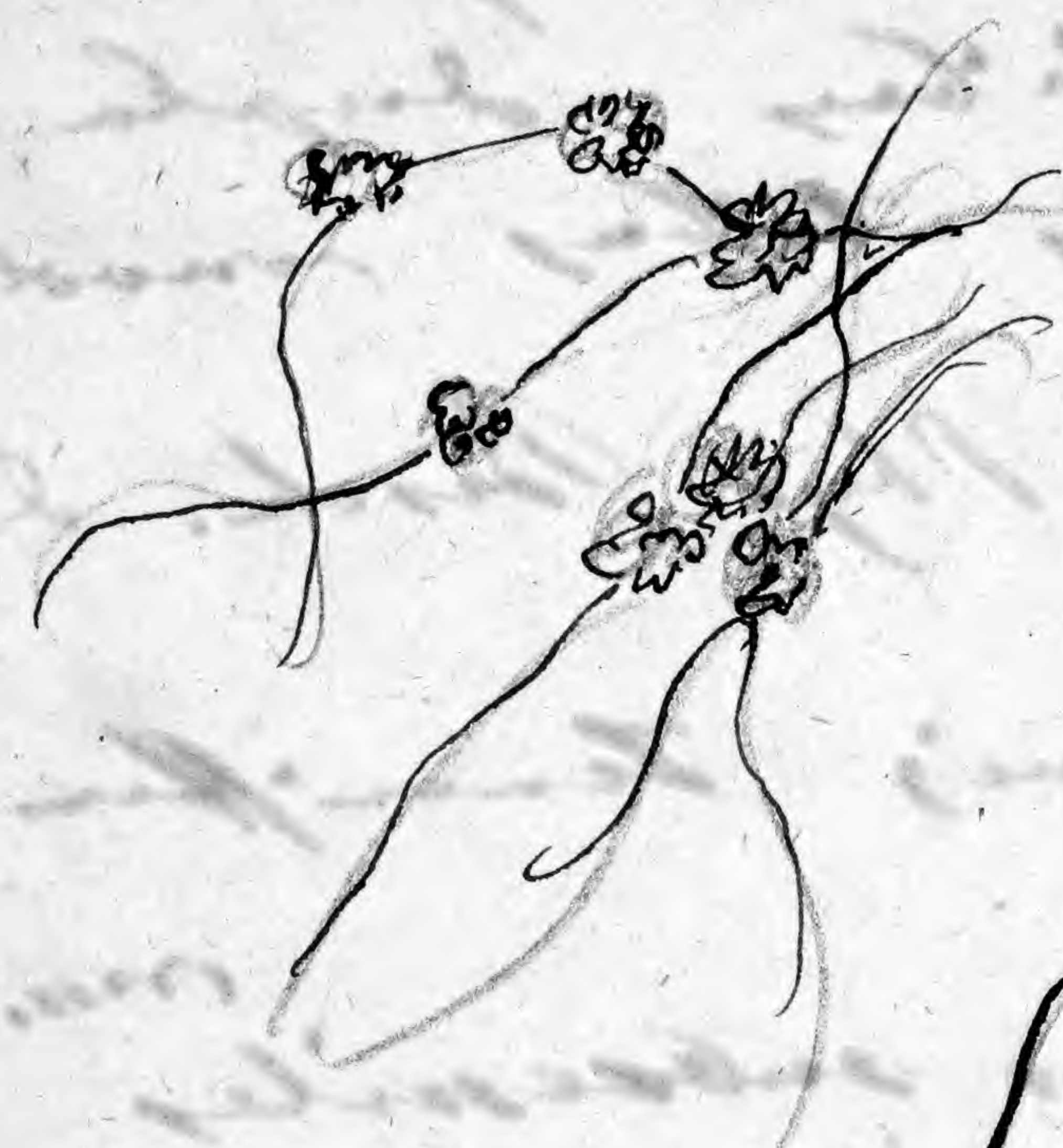
In locis temperatis prope Popayan alt 912 hex. ♃. Octobr.

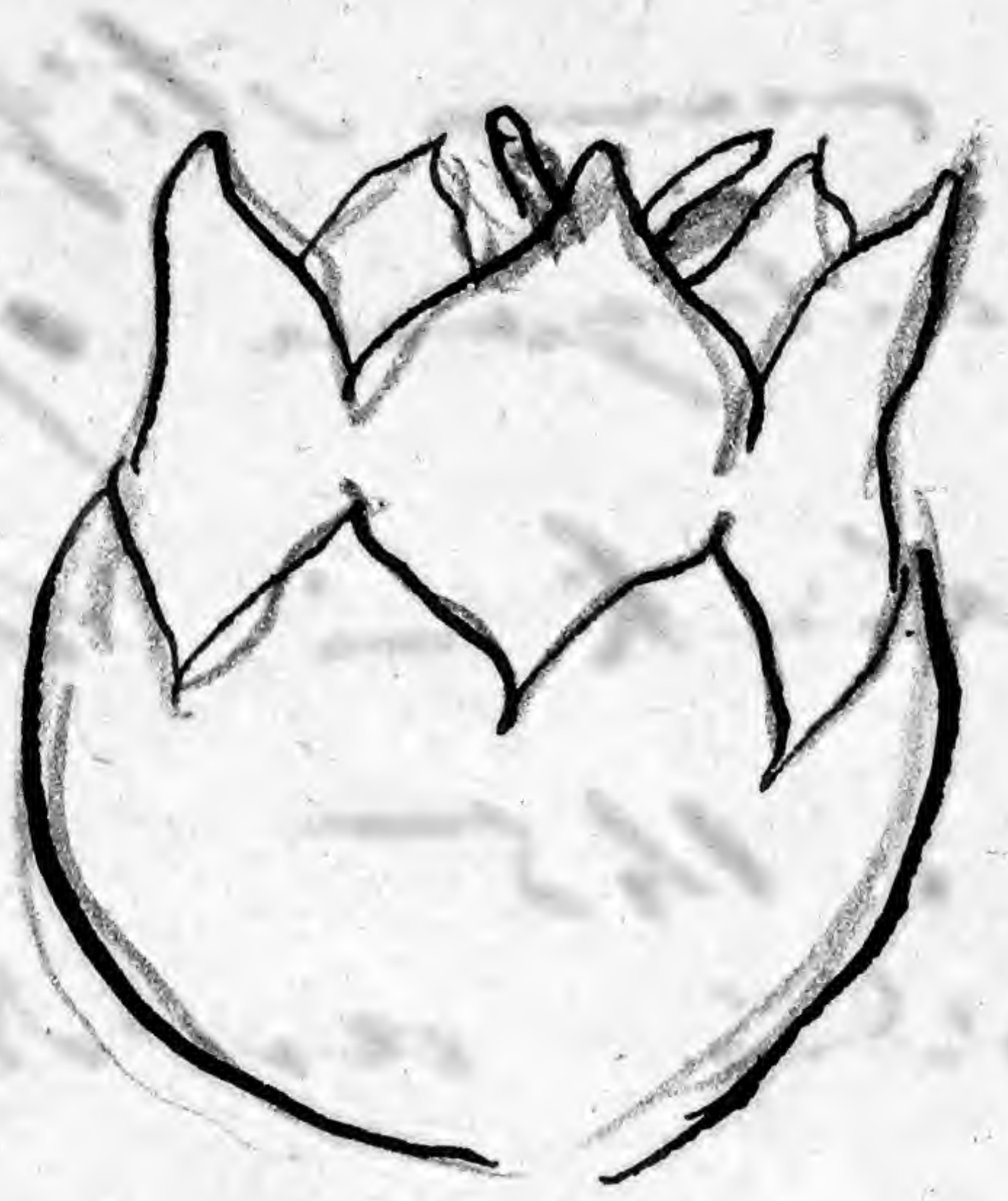
Caul. parasit. volub. filif. teres glaber flavidus. Corymbi trichotomi pedunculati. Flores pedicellati magnitudine florum Convallariae majalis. Bracteae lanceolatae glabrae. Calyx campanulatus glaber hyalinus quinquefidus laxus, laciniis ovatis obtusis, erectis, corolla paulo brevioribus; corolla globosa,

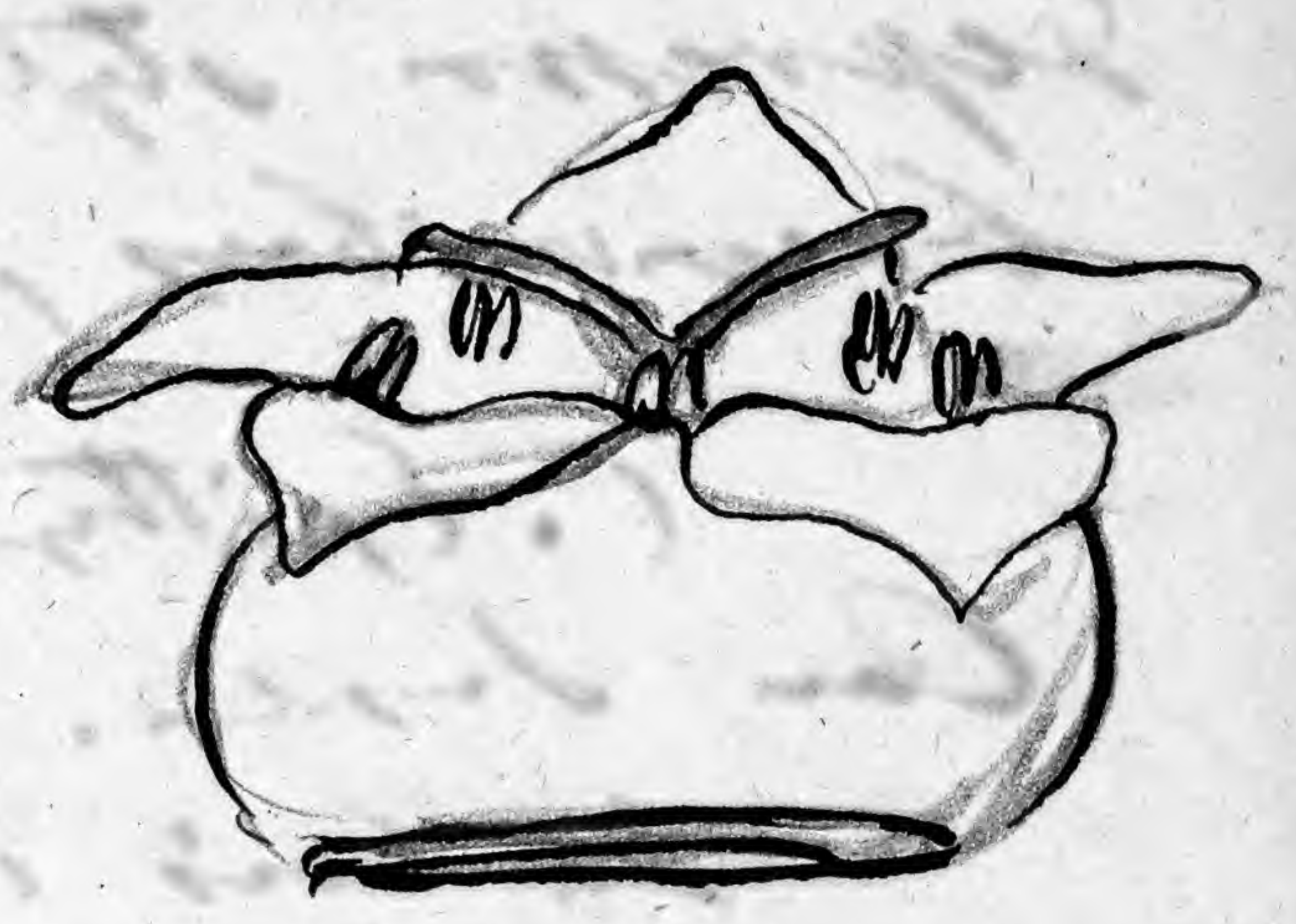
fortassis sint 1.

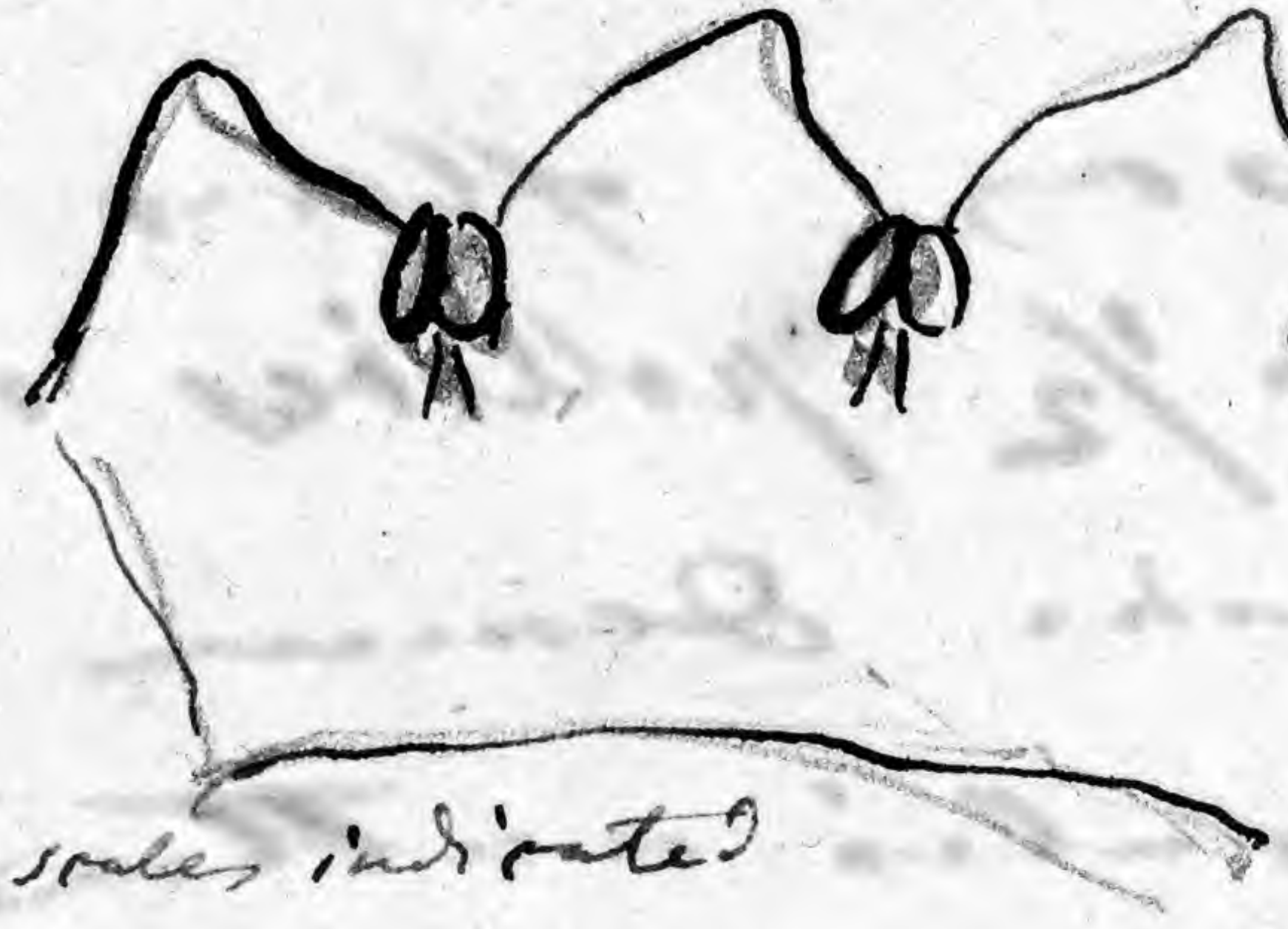
10, ~~See [illegible] Torrey 141 & 142~~

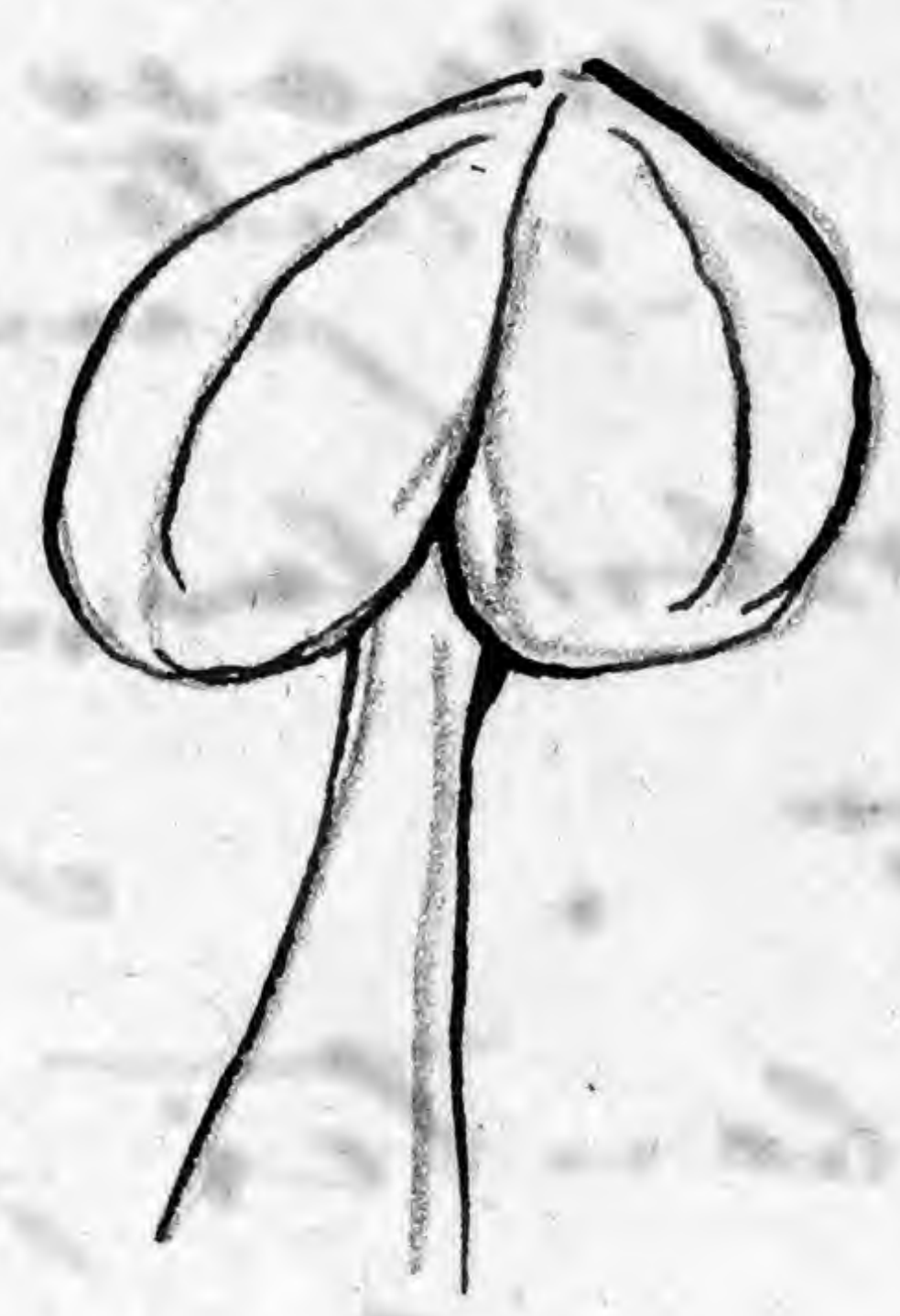
Cuscuta Episonchum. Webb & Berth. tab 142

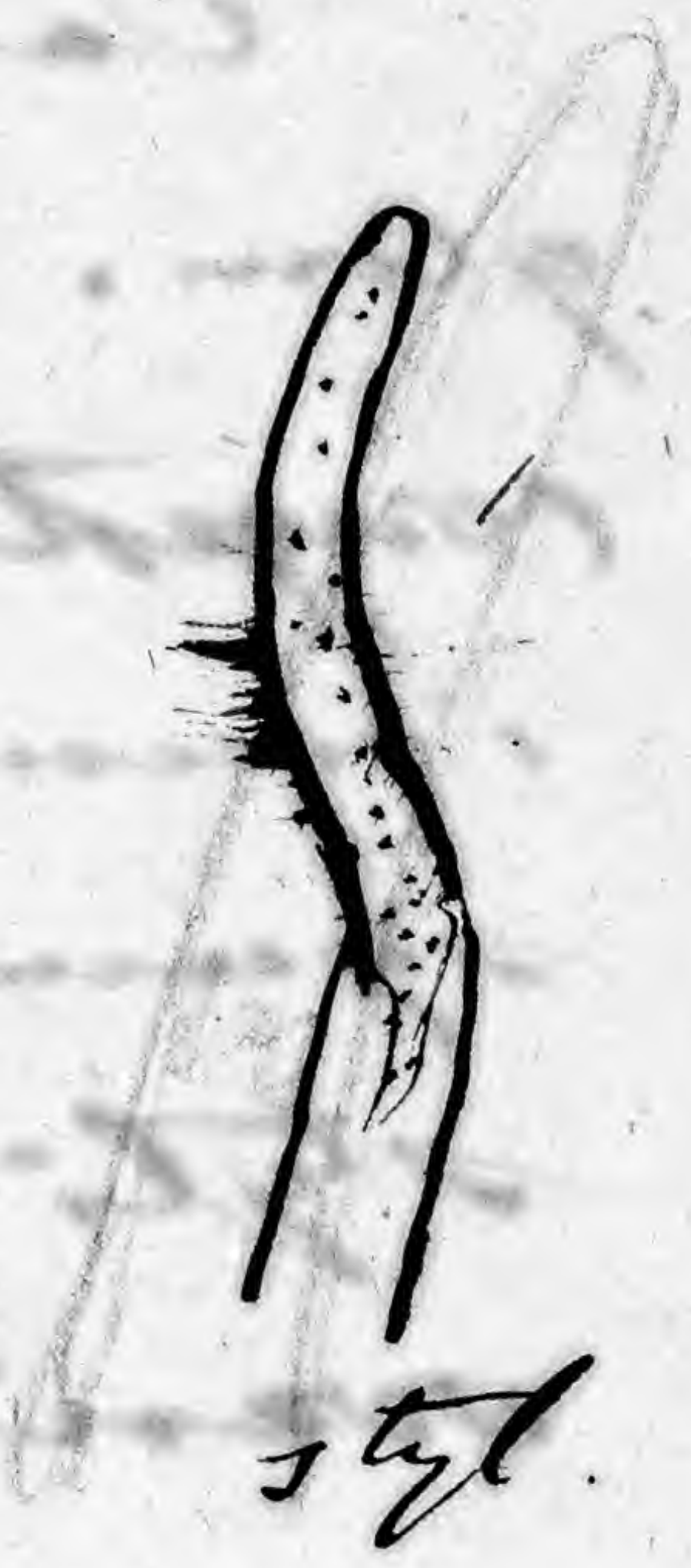


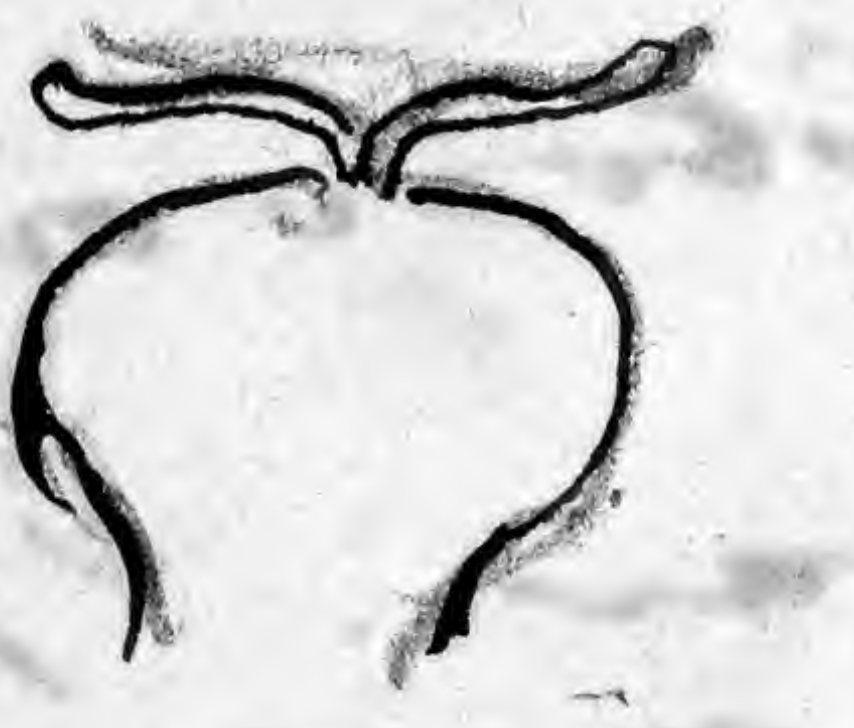


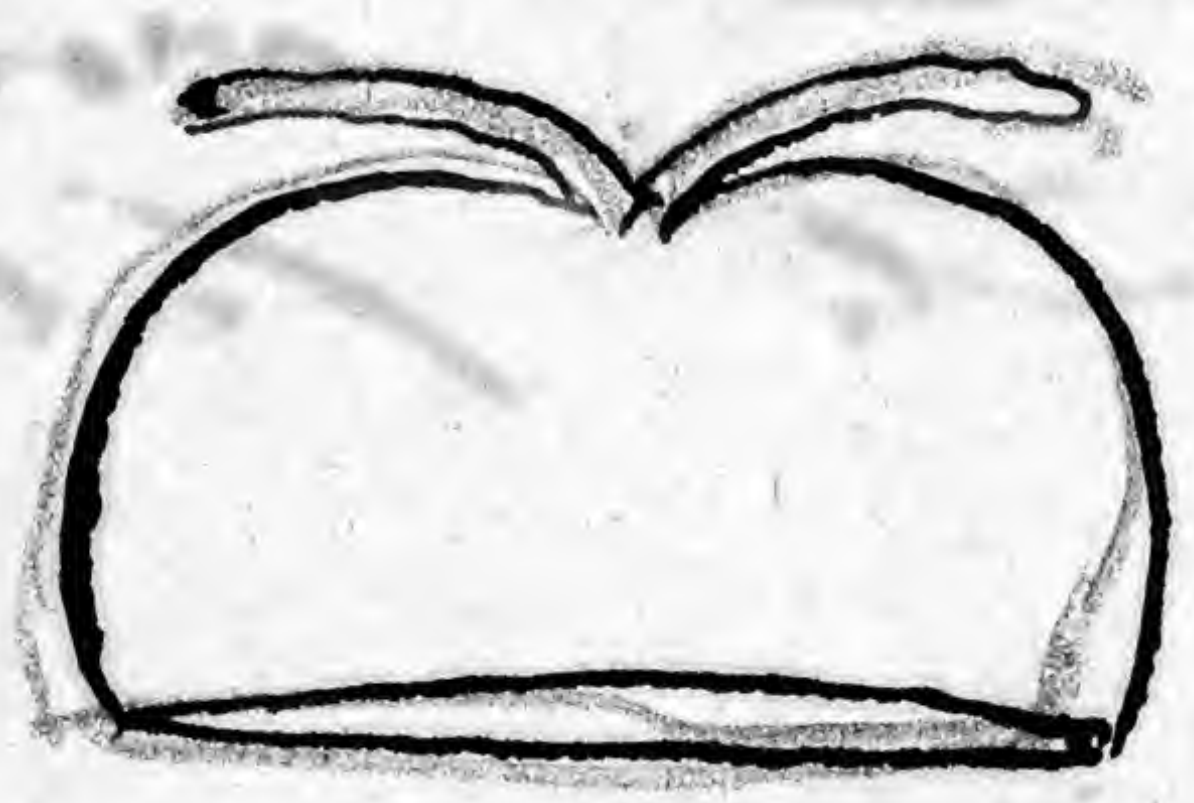


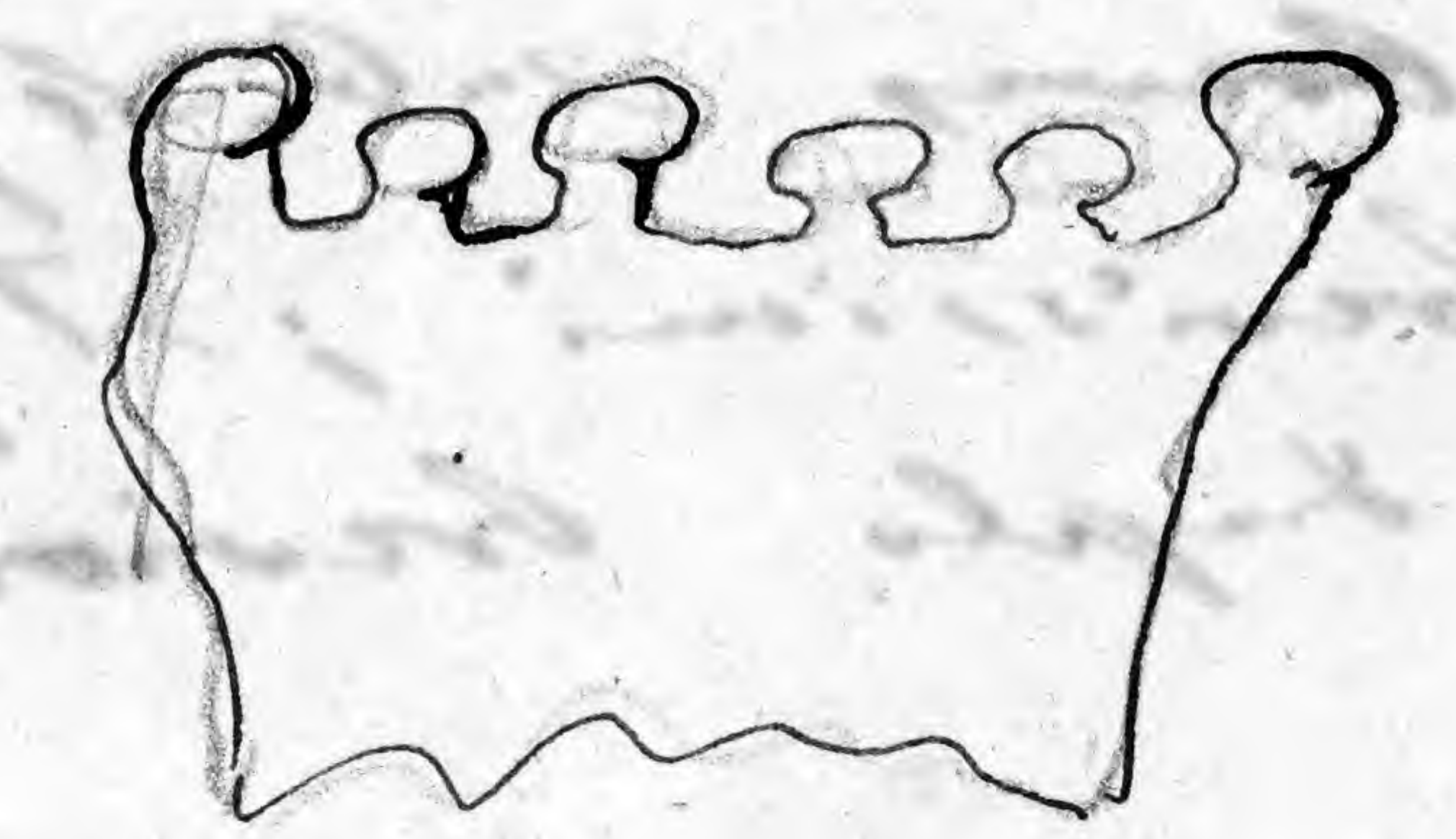












Histoire Naturelle des iles Canaries, ~~tradu~~
par Barker-Webb & Sabin Berthelot.
Phytographia Canariensis sect III
tom III. Paris 1836-50

p. 35. Cuscuta — ovula erecta* — capsula cum dissepimento (prope basin evanescente) caduca
— *axi centrali prope basin dissepimenti inserta.

p. 36 C. Episonchum nob. Caule tenuissimo capillaceo, calyce corolla duplo breviore 4-5-fido laciniis ovatis acutis dorso carinatis, corolla depresso globosa, dentibus tubi longitudine, staminibus tubo corollae vix exsuperantibus; squamis brevibus apice subcristatis; ovario superne globoso-depresso, stylis cum stigmatibus duplo brevioribus, embryone spiris tribus convoluto.

C. Epithymum Link in Buch Phys. Besch. d. Can. Insel. p. 145

In locis calidis aridissimis Teneriffae et in Lucho spinoso.

Caulis laete purpurascens, flores subsessiles crassiusculi glom. orbicularis 1–1/2 pollices diametro mentientes congesti. Stamina demum supra ovarium incumbentia; loculis antherae globoso-ovatis; squamae breves sub 4gonae; ovar. depressum; styli brevissimi; stigmata filiformia ovario duplo breviora

5098

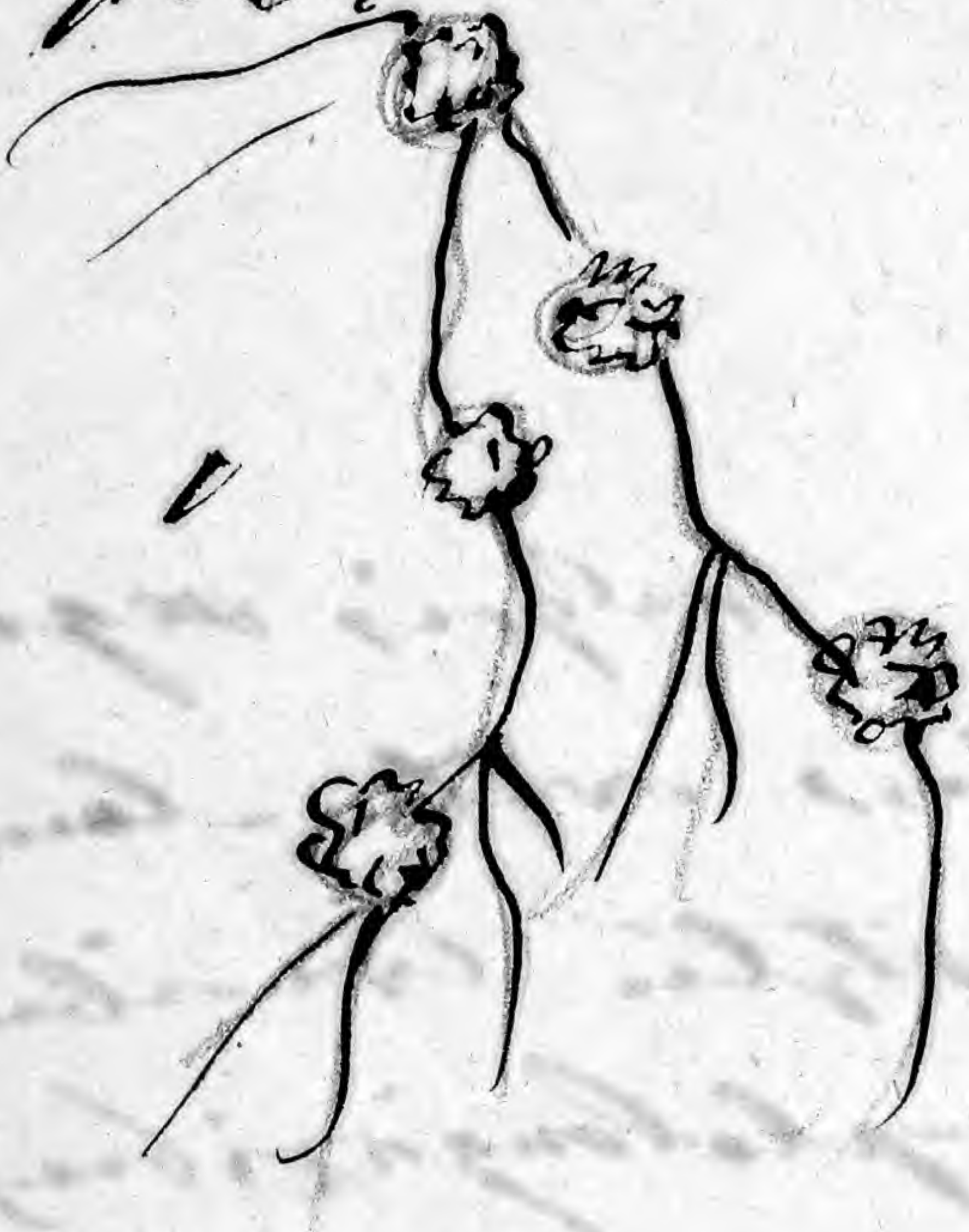
0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN

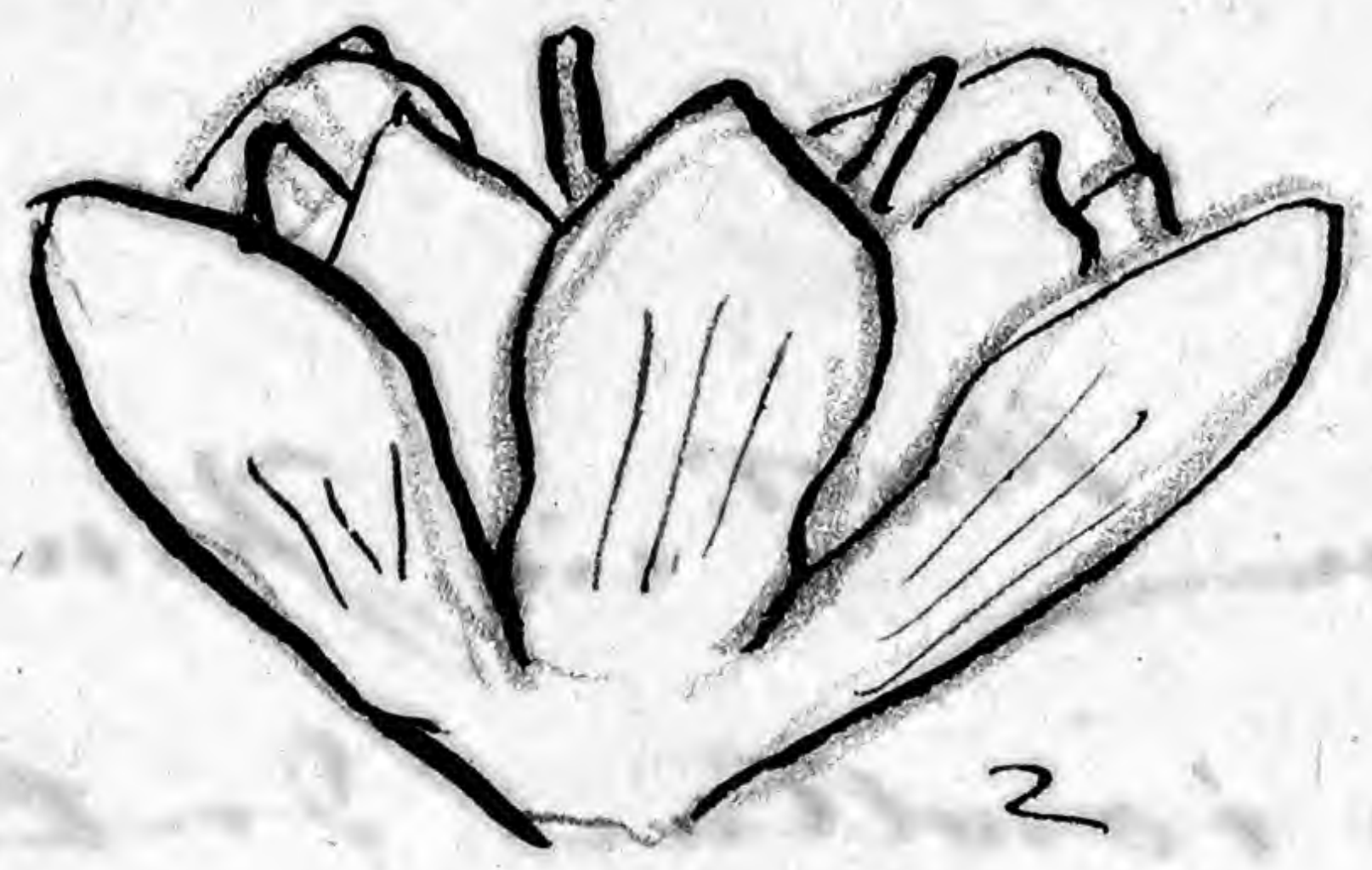
11

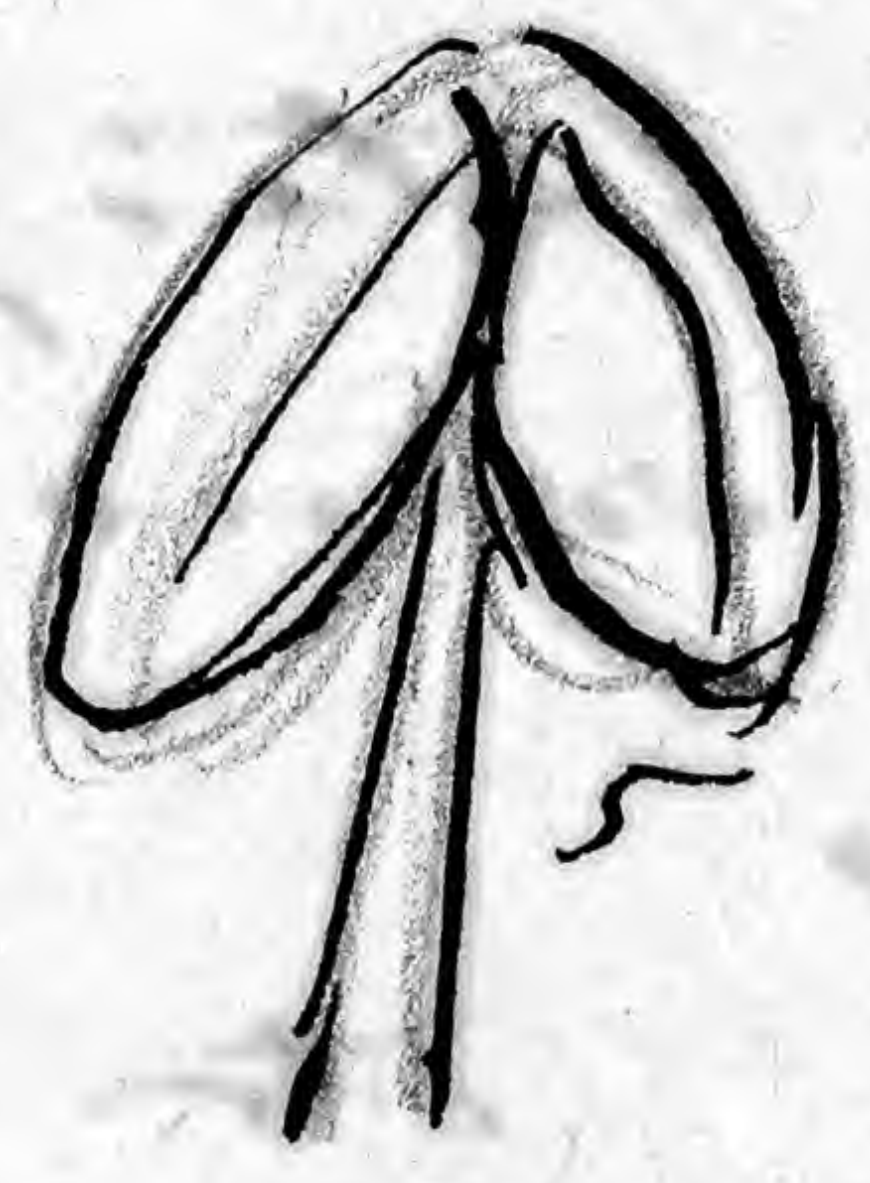
Webb & Berthelot Phytogr. Canar III, 37

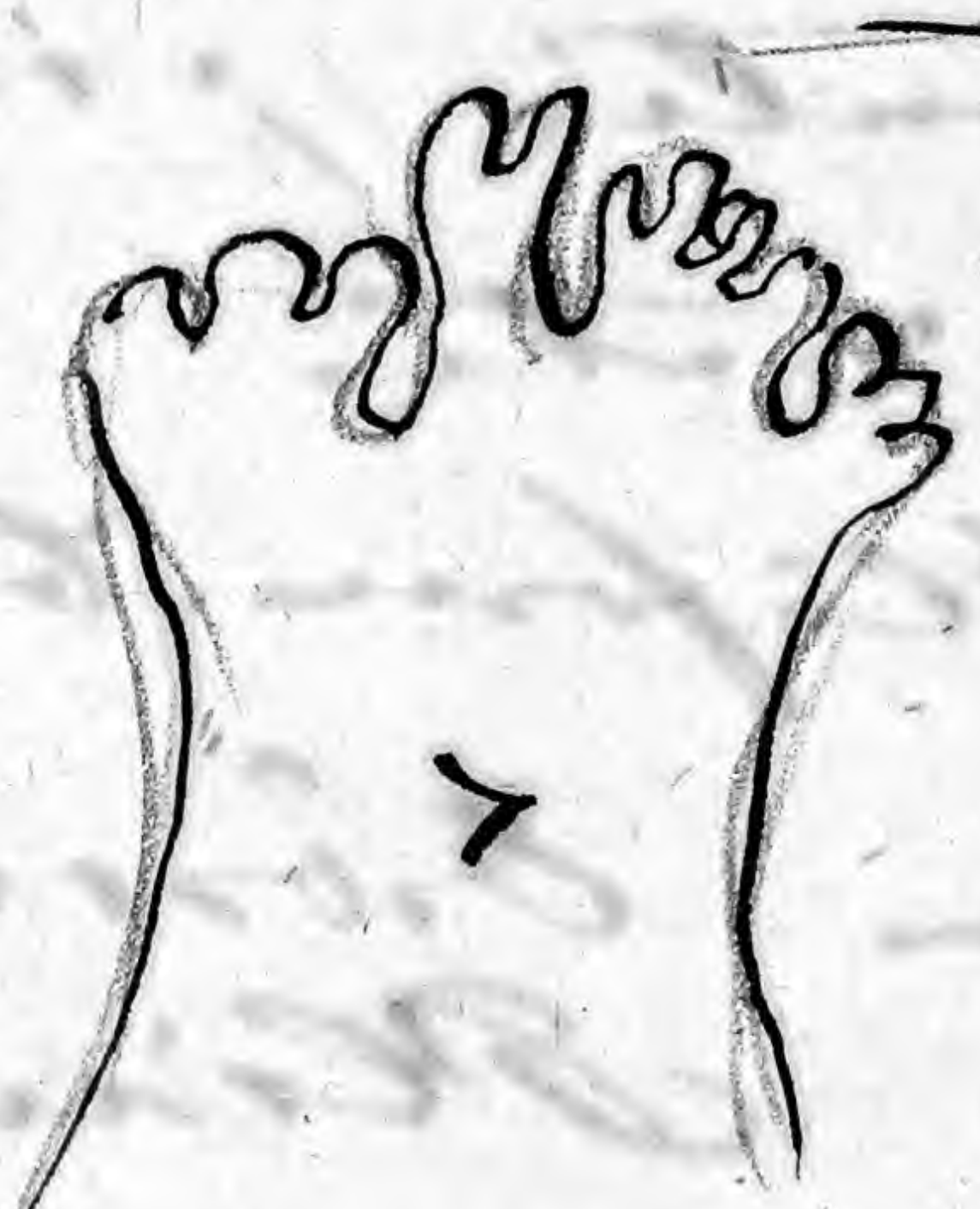
Cuscuta calycina n. sp.

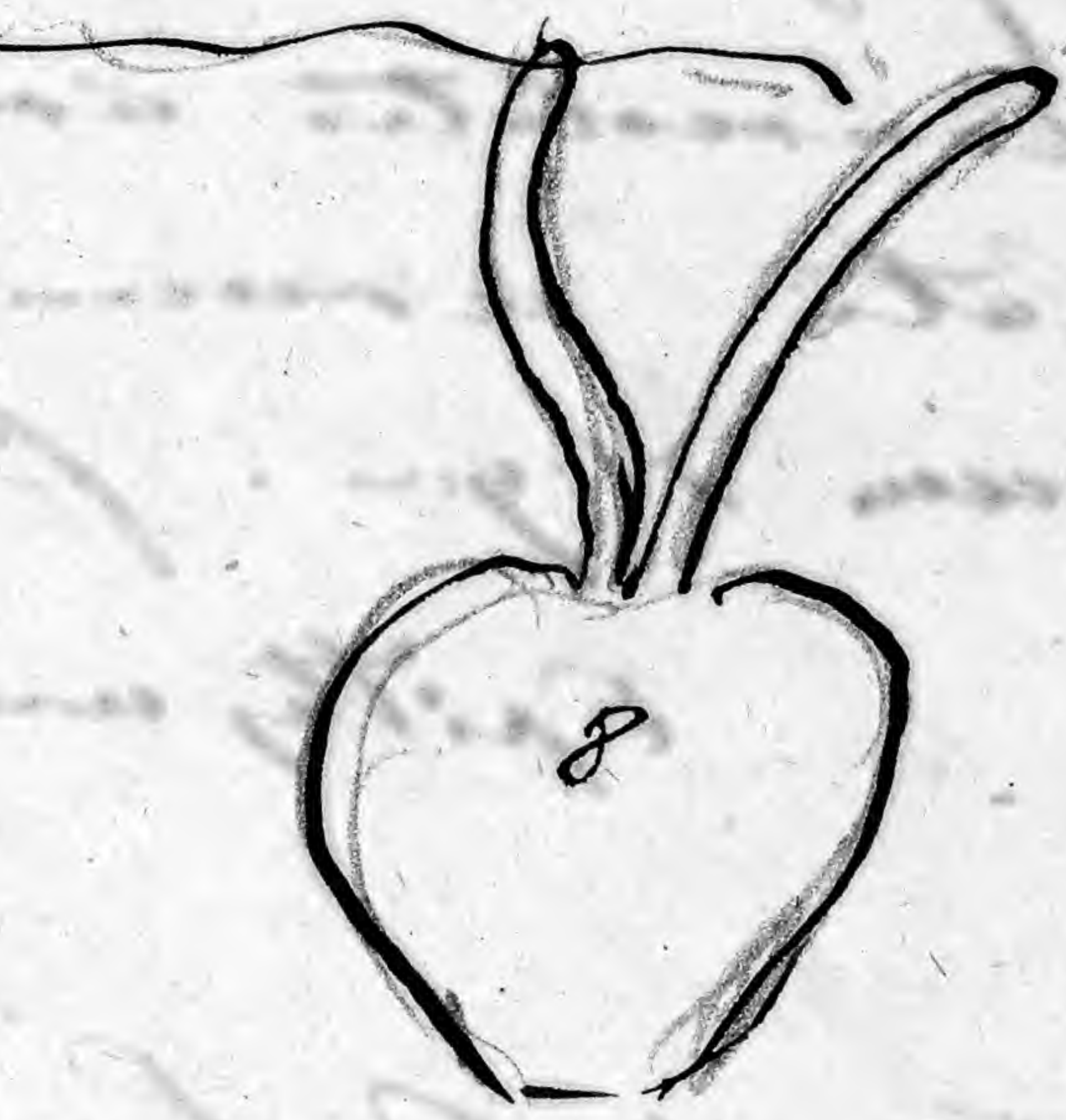
pl 142











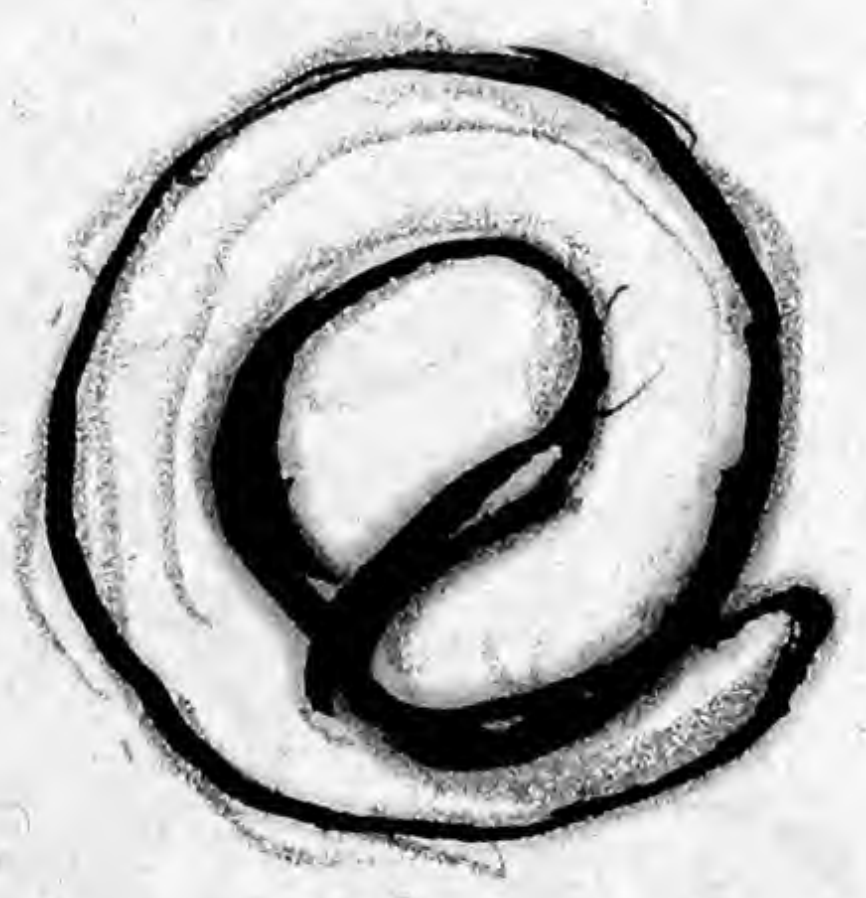
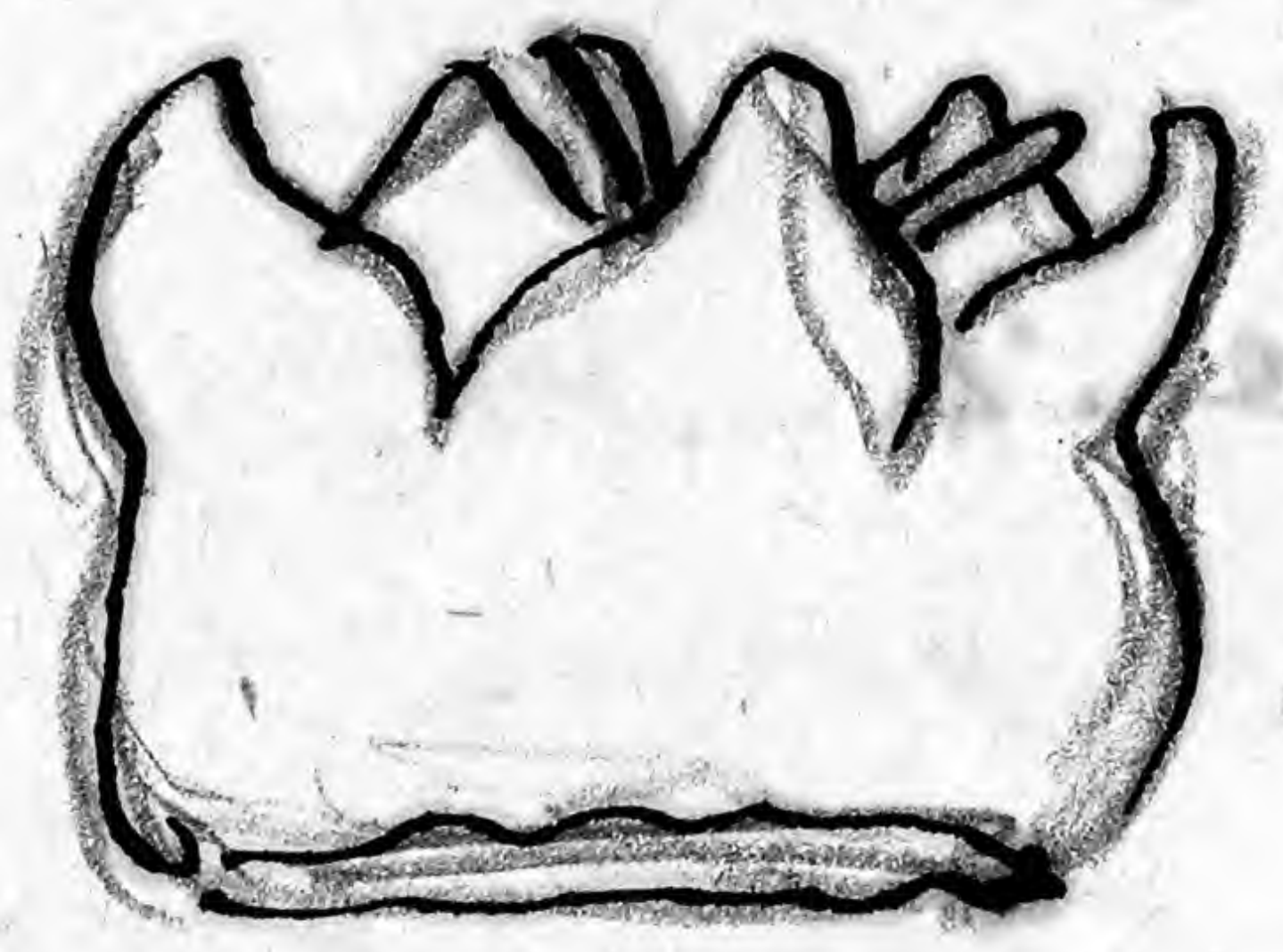


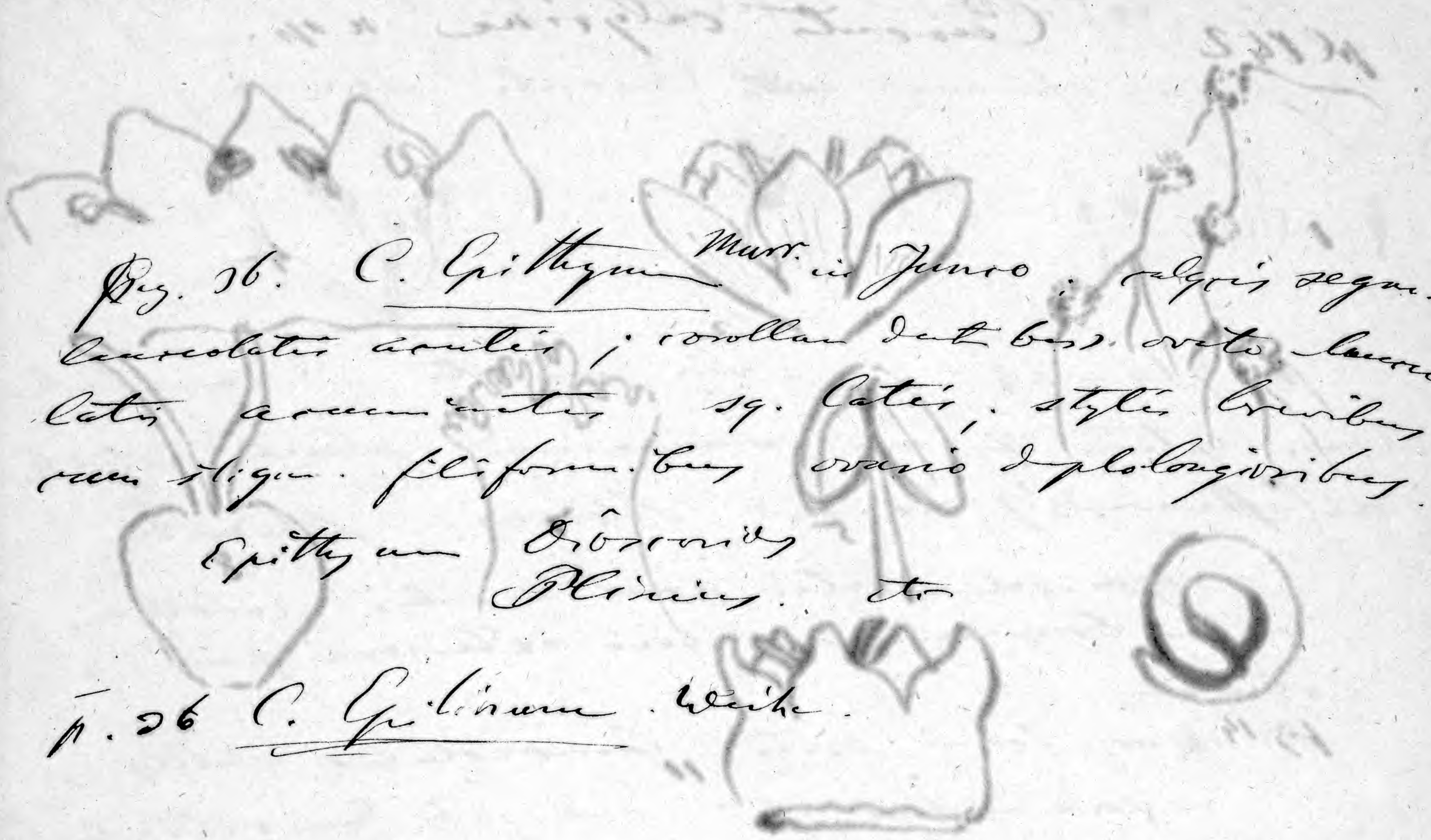
fig 14



p. 37. Caule capillares, calyce corollam excedente, profunde 5-fido, sub laciniis ovato lanceolatis obtusis costato; corolla subrotunde dentibus late ovatis imbricantibus subacutis tubo brevioribus; staminibus corolla brevioribus, squamis angustis costatis, stylis brevibus cum stigmatibus filiformibus ovario superne globoso longioribus embryone spira unica cochleato

[not ripe ??]

Teneriffe, on Rumex Lunaria and other plants Phyllis Nobla. Caulis fusco-rufescens; flores fere omnes 5-meri in glom. rotund 1-1/2 pollices diametro mentienter congestis. Corollae dentibus subobtusis ovato lanceolatis tubo subduplo brevioribus — laciniis calycis basi attenuatis obtusis vel subacutis.



Pag. 36. C. Epithymum Murr. in Junco; calycis segm. lanceolatis acutis; corollae dent. bas. ovato-lanceolatis acuminatis sq. latis; stylis brevibus cum stigm. filiformibus ovario duplo longioribus.

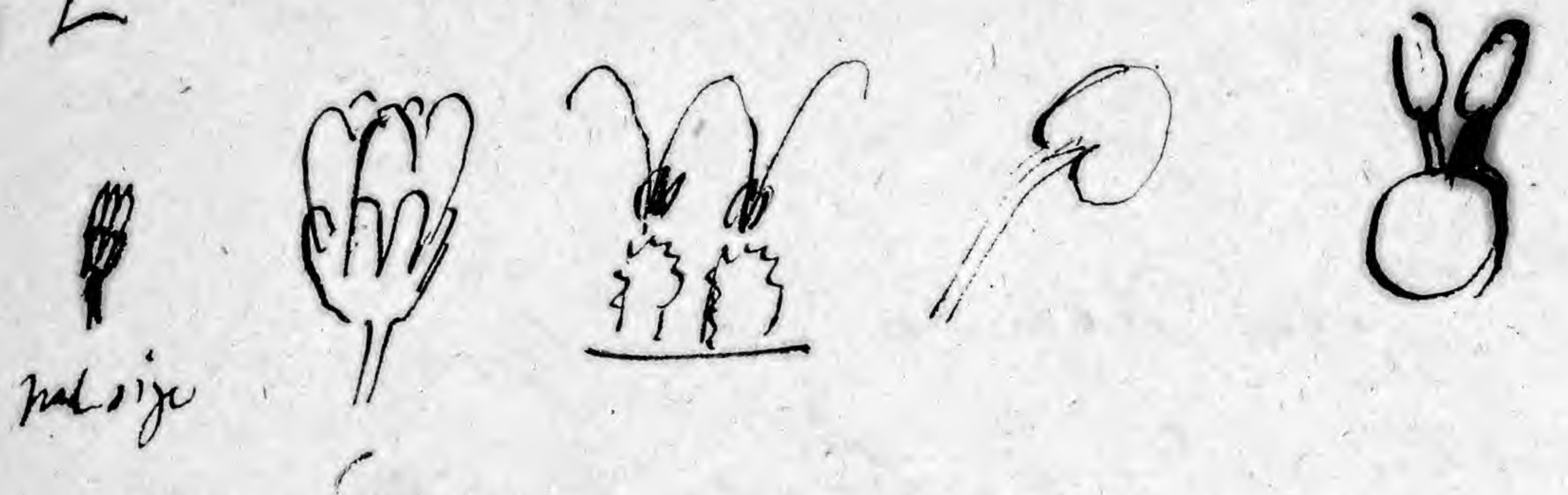
Epithymum Dioscorides
Plinius. etc

p. 26 C. Epilinum Weihe.

5099

Nov. Act. Upsal. I. tab V. fig 1.

[is Myrica africana with Cuscuta Africana]



p. 91 – 94 a very minute and careful description of an unnamed plant, which L. (afterwards?) named Schrebera schinoides

squam. cal. ovatis acuminatis, corolla dimidio brevioribus, tria exteriora paullo latiora

cor. lacin. ovato-lanceolatis obtusis;

squamulae 5 subrotundae ciliato serratae etc.

Styli 2 filiformes; stigmata longitudine styli clavata stylisque crassiora.

~~Linnaeus~~ says he has very carefully examined the flowers, about one dozen. "pedunculi videntur volubiles".

Bützovii 19 Jan 1736

This is not Linnaeus but: Joh. Christ. Dan. Schreber, who wrote this to Linnaeus.

Linnaeus afterwards, in Spec plant 1662 names it Schrebera schinoides

5100

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN

Gay Historia fisica de Chile
por Claudio Gay ~~Paris~~ Botanica . tomo 4
Paris 1849

p. 445. Cuscuta.

p. 446 C. micrantha Chois — low, on Frankenia Plantago etc. from the Seacoast to 10000 feet high. —

C. chilensis very common "en los campos"

p. 447 C. intermedia Chois. "staminibus stylis subduplo longioribus." Coquimbo etc. — in the north of Chili

44 C. odorata Chois glomerulis pauciflorus, calyce cupulato lobis obtusissimis, corolla tubulosa, calycem 2–3 superante, dentibus acutis subreflexis. — anthers almost sessile; styles short

p. 448 C. suaveolens Ser. (C. corymbosa Choisy) in DC Prodr.
muy commun en Chile

5101

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN

Wallichs Catalogue page 35

1318. Cuscuta grandiflora Wall.
Nepalia 1821

1319 C. reflexa Roxb.
1. Silhet, F. De Silva
2 H. B. C. [Hort bot Calcutta]

1320 C. sulcata Roxb.
1. Silhet F De Silva
2 Hb. Heyneanum (Cusc. sinensis Heyn. non Lam)
3 Martabania 1827

1321 C. capillaris Wall
Segaen contra Avam, 1826

0 1 2 3 4 5 6 7 8 9 10
cm copyright reserved
MISSOURI
BOTANICAL
GARDEN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN

Geo. Don : History of the Dichlamydeous plants vol IV Corolliflorae
London 1838

p. 303 Cuscuta.

1. C. europaea
2. C. epithymum
3. C. lupuliformis Krock. Silesia & Bohemia
p. 304 4 C. monogyna Vahl Levant, on Tamarisk and between Smyrna & Bursa
and on Caucasus

} poor distinction
miserable Characters

5. C. australis R. Br.
6 C. carinata
7. C. corymbosa
8 C. odorata
9 C. umbellata
10 C. obtusiflora
11. C. graveolens
12 C. foetida
13. C. floribunda
14 C. popayanensis
15 C. grandiflora
16 C. Chilensis Ker. Bot. reg.
Hook & Arn = Beechy p. 35
17 C. Americana
p. 305. C. Jalapensis
19 C. miniata
20. C. Racemosa
21 C. Africana
22 C. Arabica
23 C. verrucosa Sweet, Nepal
24 C. Hookeri Sweet hort. Brit. p. 290.
25 C. reflexa
26 C. chinensis
27 C. sulcata
28 C. macrantha
29 C. hyalina
30 C. capillaris

31. C. capitata

dubtful

32. C. fusiformis
33 C. cymosa
~~34~~

over

p. 305. 23. C. verrucosa Sweet fl. gard. t. 6; stigmas lanceolate obtuse dilated at base fleshy; stems irregularly marked with purple linear spots. — Racemes 3-10 flowered Nepal — cult. in Engl. 1822

24. C. Hookeri Sweet hort. brit. p. 290 = C. reflexa var. verrucosa Hook. Native of Mysore and Coromandel.

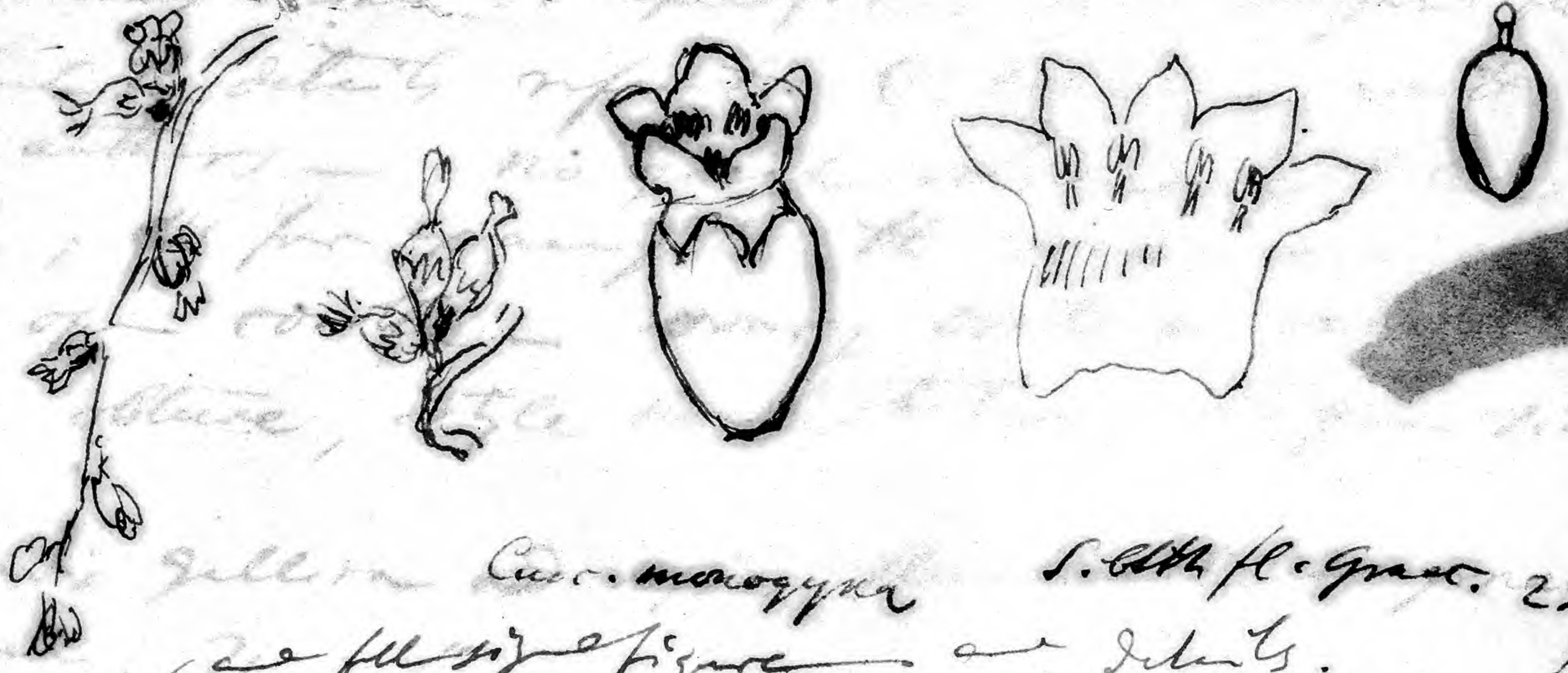
25. C. reflexa Roxb. Coromandel.

28 C. macrantha Don n. 17 monogynous pentandrous style 1 short, stigma acute = grandiflora Wall. Cat. 1318 // this, along with reflexa and monogyna might form perhaps a distinct genus from the single style // [verrucosa and lupuliformis not?]

vir

5103

copyright reserved
MISSOURI BOTANICAL GARDEN



Cusc. monogyna Sibth. fl. Graec. 257

(a full sized figure and details.
(from Asia Minor)

s, persistens; : fauce nuda staminifera stam.

na; antherae cordatae paululum exsertae.

llipticum, stylus brevis stigma obtus.

---

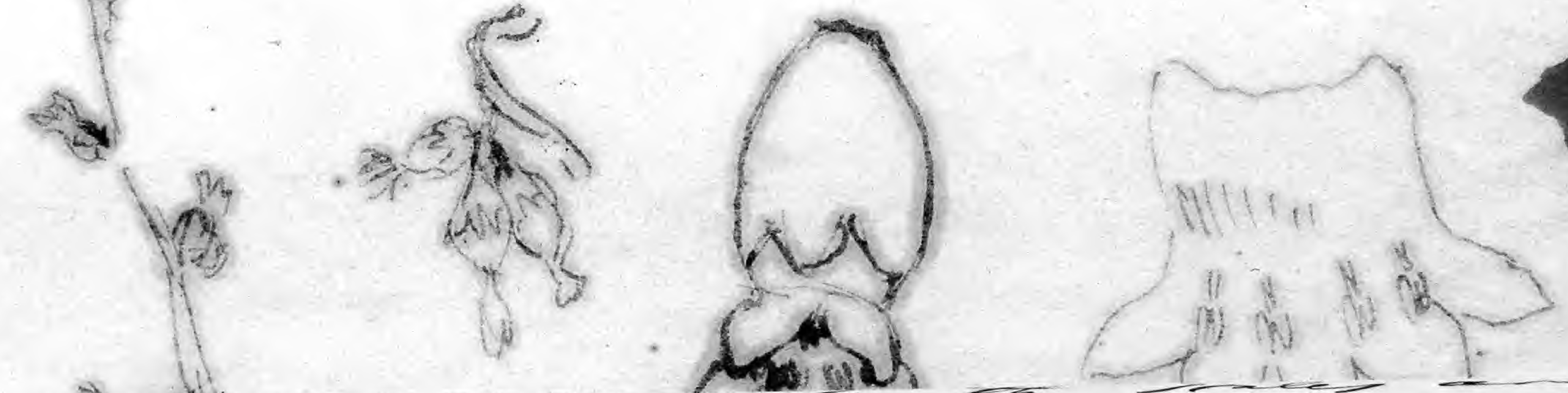
tany by Hooker & Arnott. Lond 1841

. Ker
s — good description; Concepcion; first found
enzies at Valparaiso — also by Dr Gillies on
Chilian Andes [?]

5104

Cusc. monogyna [illegible]

[illegible]



in the open corolla — ovary ovate or rather
~~Style~~ obtuse, style much shorter, stigma simple

Tamarix gallica ad ripas fluvii inter Smyrnam
Bursam. 4. "

16)

Sibth. flor. Graeca III. pag. 52. tab. 257

The figure represents rather C. lupuliformis, with elongated flowers and fruit; but the details refer to C. Vahliana with almost globose anthers — no great reliance is to be placed on it; ~~as~~ for example the scales are not noticed in the open corolla — ovary ovate or rather obovate, ~~style~~ obtuse, style much shorter, stigma simple

"Parasitica in Tamarix gallica ad ripas fluvii inter Smyrnam et Bursam. 4."

"Corollae tubus calyce vix longior, virens, dum acutus rubicundus persistens: fauce nuda staminifera stam. brevissima, antherae cordatae paululum exsertae. germen ellipticum, stylus brevis stigm. obtus.

Beechy Botany by Hooker & Arnott. Lond. 1841
p. 35
C. Chilensis Ker — good description; Conception; first found by Menzies at Valparaiso — also by Dr Gillies on the Chilian Andes [?]

p. 201 C. Millettii: corolla intus nuda lobis obtusis etc.
"we refer Loureiro's plant rather here than to C. americana on acct of L's not mentioning the scales

p. 304 C. foetida HBK is mentioned as occurring in Mexico near Tepic

p. 364 C. californica Hook & Arn. Bot. Beech. p. 364 (1841)
pedunculis unifloris solitariis, sub flore dilatato — infundibuliformi calycis lobis acutis corolla multo brevioribus, corollae tenui-membranaceae tubo brevi, laciniis lanceolato subulatis elongatis squamis nullis, staminibus 5 fauci corollae insertis laciniis dimidio brevioribus; styl 2 stig. capit.
Monterey? or San Francisco, Calif. Douglas

5105

17/

Bot. reg. VI 603 (1821)

C. Chilensis Cal ~~t com~~ corolla 5 radia breviore segmentis oblatis rotundatis; corolla tubus infra medium fimbriato-squamatis, laciniis ovatis tubo ter brevioribus, recurvis; antheris sessilibus; stylo altero breviore; stigmatibus pileato-capitatis.

— Semperflorens — flores ochroleuci odori pedunculis obesis brevissimis bracteolis nitidis — Cal. oblato-cupulatus. Cor alba apice saepius erubescens — marcescens decidua. Sq. fornicato
= conniventes — Antherae oblongae

It is not without hesitation we separate this from C. odorata Fl. Peruv.

Boiss. Diag. or. I. 7. p. 29. (1846) Cusc. Kotschyana. Kotschy 749.
4 stigmatibus sessilibus cylindricis !

Brotero Flora Lusitanica, Olissipone 1804.
vol I. p. 208

C. Europaea. in dumetis, agris, segetibus, parasitica Ulicis et aliorum vegetabilium

Corollae plerumque 5-fidae, sed in glomerulo eodem fere semper nonnullae 4-fidae

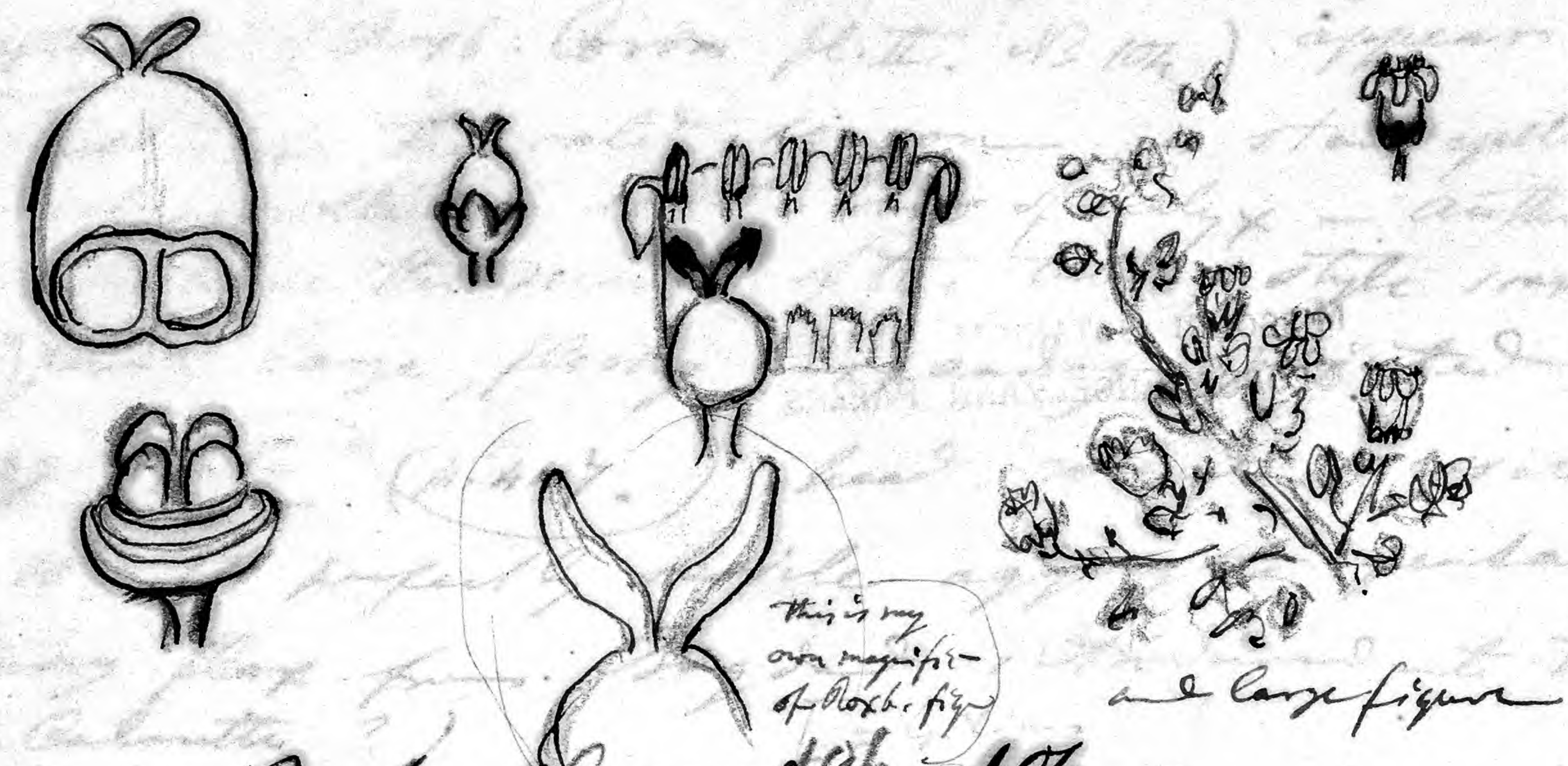
C. scandens C. trunco aphyllo filiformi, scandenti; glomerulis pauci-floris pedunculatis. In umbrosis humidis Lupulos alte scandens, prope (Coimbra) Conimbricam

5106

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN

with Roxburgh

C.)



C. reflexa Roxb. Coromandel 104

a few 5 androus sessile flowers with

furrowed calyx ; caps 2-seeded —

~~with~~ deeply grooved calyx.

Native of Bengal on Amaranthus

during the cool season — pale yellow col

Peduncles in small remote fascicles of 2

each supporting 2-4 small sessile white

6-10 deep ribs on fleshy calyx — Divis

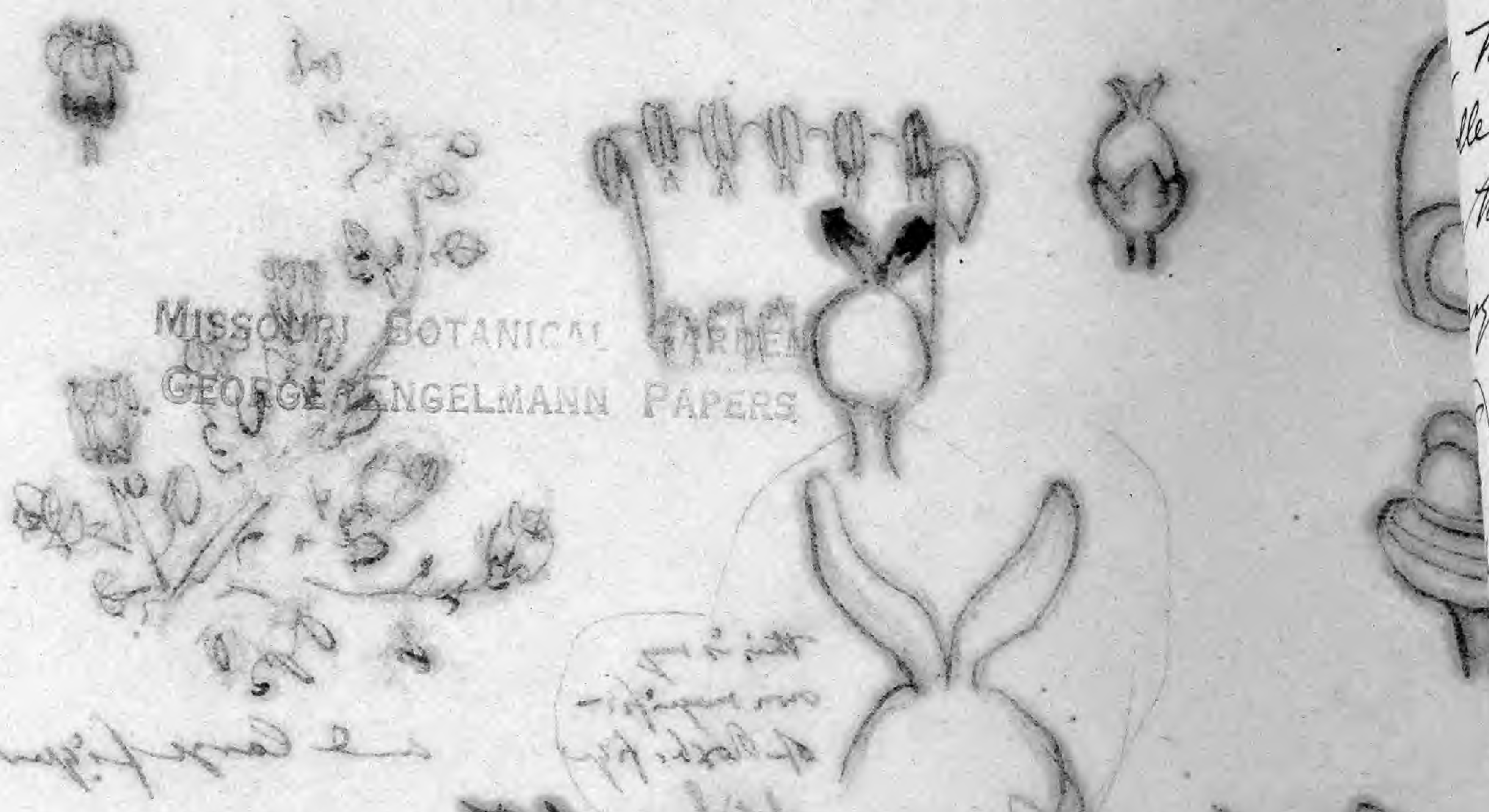
oval obtuse reflexed. 5 scales divided nea

into many fine filiform segments; 5

inserted a little below the fissures of the

5107

MISSOURI BOTANICAL GARDEN
GEO. ENGELMANN PAPERS



p. 446.
Roxb. Corom
the cold
lled, cordat
the mouth
ge, fleshy,
(p.447.)
perfectly sea
from Bay
?)

p.447
dros
calyx
ly grooved
of Ben
cool seas
small
ty 2-4
ly on f
reflexed.
fine fil
th below

0 1 2 3 4 5 6 7 8 9 10 cm
copyright reserved
MISSOURI BOTANICAL GARDEN

18/ Willm Roxburgh Flora indica Serampore 1832

Vol I. p. 446. [illegible] Tab 104

Reflexa (Roxb. Corom pl. II. No 104) appearing on any bush at the cold season — stems yellow — fl: white short pedicelled; cordate lobes of Calyx — anthers oval appearing half above the mouth of the tube; style scarcely any; stigma large, fleshy, expanding pointed.

C. aggregata (p. 447.) head. round sessile composed of 10 or 12 perfectly sessile aggregate pentandrous flowers Among flax from Bagdad introduced into the bot. Gard. (of Calcutta ?) [= Epilinum ?]

C. sulcata p. 447) peduncles in fascicles each bearing a few 5 androus sessile flowers with a fleshy furrowed calyx; caps 2-seeded surrounded by the deeply grooved calyx.

Native of Bengal on Amaranthus oleraceus during the cool season — pale yellow colour — Peduncles in small remote fascicles of 2, 3, 4 or more each supporting 2-4 small sessile white flowers 6-10 deep ribs on fleshy calyx — Divisions of corolla oval obtuse reflexed. 5 scales divided nearly to the base into many fine filiform segments, 5 filaments inserted a little below the fissures of the Corolla 2 seeds — capit. stig —.

p. 448 C. capitata Heads round sessile bracted with 10-20 5 androus flowers Calyx & Corolla papillose pellucid, white.

A most beautiful small parasite found in great abundance on the lower part of the stems of Crotalaria Juncea in Febr & March

1-2 feet high. pale yellow; most beautiful

201

5108

—

round sessile white pellucid heads; white membranaceous oblong bract under each head. — Calyx & Corol swelled with pellucid cells like the ice plant. Scales reniform ciliate; Stamens five — style 2 stigm. simple. —

[no doubt C. rosea Jacq. — though the flowers white! —

copyright reserved
MISSOURI
BOTANICAL
GARDEN